

1. Find the quotient

a) $\frac{5}{8} \div (\frac{-1}{5})$ b) $\frac{-4}{7} \div (\frac{2}{-3})$ c) $-6 \div (\frac{-17}{-12})$ d) $\frac{-5}{-12} \div (-4)$ e) $-2\frac{1}{3} \div (\frac{-3}{5})$

f) $-4\frac{1}{2} \div (-1\frac{1}{7})$

2. Find the result

a) $\frac{7}{10} \times (\frac{-5}{6}) \times (\frac{-18}{-7})$ b) $\frac{-4}{9} \times (\frac{-27}{-5}) \div (\frac{-8}{10})$ c) $\frac{-16}{-9} \div (\frac{16}{-9}) \times (\frac{-9}{8})$

d) $\frac{3}{-5} \div (\frac{-12}{-7}) \div (\frac{-21}{10})$ e) $\frac{2}{3} \times 1\frac{4}{7} \times \frac{3}{2}$ f) $2\frac{1}{2} \div 1\frac{2}{3} \div (-3\frac{1}{3})$

g) $\frac{5}{8} \times (\frac{-1}{4}) \div (\frac{-4}{8})$ h) $-\frac{4}{3} \times (\frac{1}{-3}) \div (\frac{-8}{9})$ i) $\frac{-10}{-9} \div \frac{6}{5} \times (\frac{-7}{3})$

j) $2\frac{1}{2} \div (-3\frac{1}{3}) \times 2\frac{2}{3}$ k) $-3\frac{1}{4} \times 1\frac{3}{5} \div (-1\frac{1}{5})$ l) $-5\frac{1}{3} \div \frac{8}{3} \div (-4\frac{1}{2})$

3. The value of a stock changed by $\$ \frac{-3}{8}$ each day until the total change was $\$ -4\frac{1}{2}$. During how many days did the stock drop at the rate of $\$ -\frac{3}{8}$ per day?

4. Evaluate $\frac{a}{bc}$ for these values of a, b, and c.

a) $a = \frac{6}{5}$, $b = \frac{-2}{-9}$, $c = \frac{27}{-5}$